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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Enhanced real-time stereo using bilateral filtering**
Ansar, A.; Castano, A.; Matthies, L.;
3D Data Processing, Visualization and Transmission, 2004. 3DPVT 2004. Proceedings. 2nd International Symposiu on
6-9 Sept. 2004 Page(s):455 - 462
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2. **An extended Kalman filtering approach to high precision stereo image matching**
Williams, J.; Bennamoun, M.;
Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on
Volume 2, 4-7 Oct. 1998 Page(s):157 - 161 vol.2
IEEE CNF

3. **Use of texture filters to improve quality of digital elevation models derived from stereo imagery**
Mohamed, M.A.; Kwang-Eun Kim;
Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings. 2003 IEEE International
Volume 1, 21-25 July 2003 Page(s):176 - 178 vol.1
IEEE CNF

4. **Stereo error detection, correction, and evaluation**
Mohan, R.; Medioni, G.; Nevatia, R.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 11, Issue 2, Feb. 1989 Page(s):113 - 120
IEEE JNL

5. **Scatter correction techniques in 3D PET: a Monte Carlo evaluation**
Castiglioni, I.; Cremonesi, O.; Gilardi, M.C.; Bettinardi, V.; Rizzo, G.; Savi, A.; Bellotti, E.; Fazio, F.;
Nuclear Science, IEEE Transactions on
Volume 46, Issue 6, Dec. 1999 Page(s):2053 - 2058
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6. **A comparison of four-image reconstruction algorithms for 3-D PET imaging of MDAPET camera using phantom data**
Baghaei, H.; Wai-Hoi Wong; Uribe, J.; Hongdi Li; Yu Wang; Yaqiang Liu; Tao Xing; Ramirez, R.; Shuping Xie; Soonseok Kim;
Nuclear Science, IEEE Transactions on
Volume 51, Issue 5, Oct. 2004 Page(s):2563 - 2569
IEEE JNL

7. **A comparison between FORE+NECOSEM and NECOSEM 3D for whole-body PET imaging**
Janeiro, L.; Comtat, C.; Lartizien, C.; Kinahan, P.E.; Defrise, M.; Michel, C.; Trebossen, R.; Almeida, P.;
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Volume 4, 19-25 Oct. 2003 Page(s):2831 - 2835 Vol.4
IEEE CNF

8.
A theoretically based pre-reconstructing filter for spatio-temporal noise reduction in gated cardiac SPECT
Hongbing Lu; Guoping Han; Dongqing Chen; Lihong Li; Zhengrong Liang;
Nuclear Science Symposium Conference Record, 2000 IEEE

Volume 2, 15-20 Oct. 2000 Page(s):15/141 - 15/145 vol.2
IEEE CNF

9. **Target modelization and filter generation for 3D pattern recognition by optical correlation**
Rodriguez-Miguel, F.J.; Tudela, R.; Montes-Usategui, M.; Juvells, I.; Vallmitjana, S.;
Pattern Recognition, 2000. Proceedings. 15th International Conference on
Volume 3, 3-7 Sept. 2000 Page(s):1018 - 1021 vol.3
IEEE CNF

10. **A comparison of 3D scatter correction methods in a neuroPET tomograph**
Spinks, T.J.; Grootoonk, S.; Bailey, D.L.; Schnorr, L.;
Nuclear Science Symposium and Medical Imaging Conference, 1994., 1994 IEEE Conference Record
Volume 4, 30 Oct.-5 Nov. 1994 Page(s):1618 - 1622 vol.4
IEEE CNF

11. **Three-dimensional discrete wavelet transform architectures**
Weeks, M.; Bayoumi, M.A.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions (
Volume 50, Issue 8, Aug. 2002 Page(s):2050 - 2063
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12. **Face Recognition by Optical Correlation using 3D Filter**
Farhat, M.; Al Falou, A.; Hamam, H.;
Information and Communication Technologies, 2006. ICTTA '06. 2nd
Volume 1, 24-28 April 2006 Page(s):1568 - 1572
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13. **Comparison of 2D and 3D qualitative whole body positron emission tomography (PET) without attenuation scatter correction**
Kohlmyer, S.G.; Mankoff, D.A.; Lewellen, T.K.; Kaplan, M.S.;
Nuclear Science Symposium, 1996. Conference Record., 1996 IEEE
Volume 2, 2-9 Nov. 1996 Page(s):1367 - 1371 vol.2
IEEE CNF

14. **Investigation on an analog stereo retina for automobile applications**
Yang Ni; Arion, B.; Devos, F.;
Intelligent Vehicles '94 Symposium, Proceedings of the
24-26 Oct. 1994 Page(s):320 - 325
IEEE CNF

15. **Improvement of stereo disparity estimation through balanced filtering: the sliding-block approach**
Slima, M.B.; Konrad, J.; Barwicz, A.;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume 7, Issue 6, Dec. 1997 Page(s):913 - 920
IEEE JNL

16. **Coarse filters for shape matching**
Corney, J.; Rea, H.; Clark, D.; Pritchard, J.; Breaks, M.; Macleod, R.;
Computer Graphics and Applications, IEEE
Volume 22, Issue 3, May-June 2002 Page(s):65 - 74
IEEE JNL

17. **HOS-based filtering scheme for stereo image compression**
El Hassouni, M.; Cherifi, H.;
Video/Image Processing and Multimedia Communications, 2003. 4th EURASIP Conference focused on
Volume 2, 2-5 July 2003 Page(s):531 - 537 vol.2
IEEE CNF

18. **Comparing reconstruction algorithms using a multi-variate analysis**
Jeih-San Liow; Anderson, J.R.; Strother, S.C.;
Nuclear Science, IEEE Transactions on
Volume 47, Issue 3, June 2000 Page(s):1136 - 1142
IEEE JNL

19. **Evaluating performance of reconstruction algorithms for 3-D [^{15}O] water PET using subtraction analysis**
Jeih-San Liow; Lan Zhou;
Medical Imaging, IEEE Transactions on
Volume 19, Issue 5, May 2000 Page(s):522 - 531
IEEE JNL

20. **Obstacles Detection on a Road by Dense Stereovision with 1D Correlation Windows and Fuzzy Filtering**
Lefebvre, S.; Ambellouis, S.; Cabestaing, F.;
Intelligent Transportation Systems, 2006. Proceedings. 2006 IEEE
2006 Page(s):739 - 744
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21. **Symmetry Identification Using Partial Surface Matching and Tilt Correction in 3D Brain Images**
Xin Liu; Imielinska, C.; Laine, A.; Connolly, E.S.; D'Ambrosio, A.L.;
Engineering in Medicine and Biology Society, 2006. EMBS '06. 28th Annual International Conference of the IEEE
Aug. 2006 Page(s):1056 - 1060
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22. **Tracking 3D Human Body using Particle Filter in Moving Monocular Camera**
Sungmin Kim; Chang-Beom Park; Seong-Whan Lee;
Pattern Recognition, 2006. ICPR 2006. 18th International Conference on
Volume 4, 20-24 Aug. 2006 Page(s):805 - 808
IEEE CNF

23. **Improvement 3-D Reconstruction Accuracy Considering Distortion in Stereovision Using a Set of Linear Spatial Filters**
El-Etriby, S.; Al-Hamadi, A.; Michaelis, B.;
Computational Intelligence for Modelling, Control and Automation, 2005 and International Conference on Intelligent Agents, Web Technologies and Internet Commerce, International Conference on
Volume 2, 28-30 Nov. 2005 Page(s):654 - 659
IEEE CNF

24. **Solving the strip adjustment problem of 3D airborne lidar data**
Bretar, F.; Pierrot-Deseilligny, M.; Roux, M.;
Geoscience and Remote Sensing Symposium, 2004. IGARSS '04. Proceedings. 2004 IEEE International
Volume 7, 2004 Page(s):4734 - 4737 vol.7
IEEE CNF

25. **3D face pose tracking from an uncalibrated monocular camera**
Zhiwei Zhu; Qiang Ji;
Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on
Volume 4, 23-26 Aug. 2004 Page(s):400 - 403 Vol.4
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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/659,377	US-PGPUB; USPAT	OR	ON	2007/04/27 11:55
L2	1	10/659,937	US-PGPUB; USPAT	OR	ON	2007/04/27 13:48
L3	0	(09/549,432).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 13:49
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L6	1	"5988862".PN.	USPAT; USOCR	OR	ON	2007/04/27 14:03
L7	1	"5465323".PN.	USPAT; USOCR	OR	ON	2007/04/27 14:04
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L9	149	8 same(mesh$3 or merg$3 or synthes$4 or compos$4 or combin$6)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:35
L10	2	9 same((calculat$4 or measur$4 or comput$4 or estimat$4 or construct$4)near10 distanc$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:37
L11	9	9 same (distanc$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:36
L12	185	8 same(mesh$3 or merg$3 or synthes$4 or compos$4 or combin$6 or fit$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:38
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L16	41	15 same(calculat$4 or measur$4 or comput$4 or estimat$4 or construct$4 or analy$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:40

L17	65	15 same(extract$3 or cut$4 or partition$3 or portion$3 or segment$4 or partial$3)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:40
L18	15	17 same(calculat$4 or measur$4 or comput$4 or estimat$4 or construct$4 or analy$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:40
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L24	1	"5625447".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:47
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L26	1	"5225882".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:47
L27	1	"4948246".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:49
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L34	1	"6040844".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:06
L35	1	"6273596".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:06
L36	1	"6078938".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:06
L37	1	"5933225".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:07
L38	1	"5831719".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:07